



# FILE COPY

SHEET 1 OF 2

<b>FORM PTO - 1449</b>				<b>ATTORNEY DOCKET NO.: FJN-060DV (3999/63)</b>					
<b>INFORMATION DISCLOSURE STATEMENT</b>				<b>APPLICANT(S): Goto et al.</b>					
				<b>SERIAL NO.: 09/062,113</b>					
				<b>FILING DATE: April 17, 1998 GROUP: 1646</b>					
<b>U.S. PATENT DOCUMENTS</b>									
<b>EXAM. INIT.</b>		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>NAME</b>	<b>CLASS</b>	<b>SUB CLASS</b>	<b>FILING DATE IF APPROPRIATE</b>		
<b>FOREIGN PATENT DOCUMENTS</b>									
<b>EXAM. INIT.</b>		<b>DOCUMENT NUMBER</b>	<b>DATE</b>	<b>COUNTRY CODE</b>	<b>CLASS</b>	<b>SUB CLASS</b>	<b>FILING DATE</b>	<b>ABSTRACT ONLY</b>	<b>ENGLISH LANG Y/N</b>
PR	BE	WO 96/28546	09/19/96	PCT	—	—	03/15/95		Y
PR	BF	WO 97/23614	07/03/97	PCT	—	—	12/20/96		Y
<b>OTHER ART, JOURNAL ARTICLES, ETC.</b>									
<b>EXAM. INIT.</b>	<b>OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)</b>								
PR	CE	Simonet et al., "Osteoprotegerin: a novel secreted protein involved in the regulation of bone density," CELL, vol. 89, April 18, 1997, pgs. 309-319.							
PR	CF	Reddi, "Bone morphogenesis and modeling: soluble signals sculpt osteosomes in the solid state," CELL, vol. 89, April 18, 1997, pgs. 159-161.							
	CG	<del>Tsuda et al., "Isolation of a novel cytokine from human fibroblasts that specifically inhibits osteoclastogenesis," Biochem. and Biophys. Research Commun., vol. 234, May 8, 1997, pgs. 137-142.</del>							
PR	CH	Chambers et al., "Generation of osteoclast-inductive and osteoclastogenic cell lines from the H-2btsA58 transgenic mouse," Proceed. of the National Acad. of Sciences of USA, vol. 90, June 1993, pgs. 5578-5582.							
	CI	Smith et al., "The TNF receptor superfamily of cellular and viral proteins: activation, costimulation, and death," CELL, vol. 76, March 25, 1994, pgs. 959-962.							
	CJ	Goodwin et al., "Molecular cloning and expression of the type 1 and type 2 receptors for tumor necrosis factor," Database EMROD, EMBL Databases, Accession Number: M59378, June 28, 1991.							
	CK	Chenu et al., "Transforming growth factor $\beta$ inhibits formation of osteoclast-like cells in long-term human marrow cells," Proceed. of the National Acad. of Sciences of USA, vol. 85, August 1998, pgs. 5683-5687.							
PR	CL	Gowen et al., "Preferential Inhibition of Cytokine-Stimulated Bone Resorption by Recombinant Interferon Gamma," Journal of Bone and Mineral Research, vol. 1, number 5, 1986, pgs. 469-474.							
<b>EXAMINER</b> <i>David L. Jones</i>					<b>DATE CONSIDERED</b> <i>6/13/00</i>				

DUPLICATE CITATION

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OTHER ART, JOURNAL ARTICLES, ETC.			
EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)		
EA	CM	Hattersley et al., "Human Macrophage Colony-Stimulating Factor Inhibits Bone Resorption by Osteoclasts Disaggregated From Rat Bone," Journal of Cellular Physiology, vol. 137, number 1, October 1998, pgs. 199-203.	
	CN	Takada et al., "A simple method to assess osteoclast-mediated bone resorption using unfractionated bone cells," Bone and Mineral, vol. 17, 1992, pgs. 347-359.	
	CO	Kasano et al., "Inhibitory effect of interleukin-4 on osteoclast-like cell formation in mouse bone marrow culture," Bone and Mineral, vol. 21, 1993, pgs. 179-188.	
EP	CP	Watanabe et al., "Interleukin-4 as a Potent Inhibitor of Bone Resorption," Biochem. and Biophys. Research Comm., vol. 172, number 3, 1990, November 1990, pgs. 1035-1041.	
EXAMINER		DATE CONSIDERED	
David Lemo		6/12/00	

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INFORMATION DISCLOSURE STATEMENT



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1641

## U.S. PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
AK	AA	5,118,667	06/02/92	Adams et al.	415	12	RECEIVED
	AB	5,393,739	02/28/95	Bentz et al.	514	12	JUL 15 1998
	AC	5,578,569	11/26/96	Tam	514	12	
	AD	5,599,708	02/04/97	Mundy et al.	435	240.27	RECEIVED SERVICE CENTER
AK	AE	5,658,756	08/19/97	Rodan et al.	435	69.1	

## FOREIGN PATENT DOCUMENTS

EXAM. INIT.		DOCUMENT NUMBER	DATE	COUNTRY CODE	CLASS	SUB CLASS	FILING DATE	ABSTRACT ONLY	ENGLISH LANG Y/N
AK	BA	0514130 A2	11/19/92	EP	<del>A61K</del>	<del>3702</del>	05/12/92	N	Y
	BB	0727211 A1	08/21/96	EP	<del>A61K</del>	<del>3150</del>	02/07/96	N	Y
	BC	WO97/00317	01/03/97	EP	<del>C12N</del>	<del>1541</del>	06/04/96	N	Y
AK	BD	WO97/00318	01/03/97	EP	<del>C12N</del>	<del>1541</del>	06/04/96	N	Y

## OTHER ART, JOURNAL ARTICLES, ETC.

EXAM. INIT.	OTHER DOCUMENTS: (Including Author, Title, Date, Relevant Pages, Place of Publication)	
AK	CA	F.W. Fawthrop et al., "The Effect of Transforming Growth Factor $\beta$ on the Plasminogen Activator Activity of Normal Human Osteoblast-like Cells and a Human Osteosarcoma Cell Line MG-63" <u>J. Bone and Mineral Res.</u> 7(12):1363-1371 (1992)
	CB	A.J. Fenton et al., "Long-Term Culture of Disaggregated Rat Osteoclasts: Inhibition of Bone Resorption and Reduction of Osteoclast-Like Cell Number by Calcitonin and PTHrP[107-139]" <u>J. Cellular Phys.</u> 155:1-7 (1993)
	CC	T. Suda et al., "Modulation of Osteoclast Differentiation by Local Factors" <u>Bone</u> 117(2 Supp.):87S-91S (1995)
AK	CD	E. Tsuda et al., "Isolation of a Novel Cytokine from Human Fibroblasts that Specifically Inhibits Osteoclastogenesis" <u>Biochem. and Biophys. Res. Comm.</u> 234:137-142 (1997)
EXAMINER <i>Donald L. Miller</i>		DATE CONSIDERED 6/13/98

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